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Patent Search Patents 1 - 10 of 33 on **non-volatile memory with atomic resolution storage**. (0.26 seconds)

Atomic resolution storage device configured as a redundant array of independent **storage** devices

US Pat. 6671778 - Filed Aug 3, 2001 - Hewlett-Packard Development Company, L.P.

Each **atomic resolution storage** device is a **non-volatile memory** component including a plurality of electron emitters, a medium having medium partitions, ...

Atomic resolution storage device

US Pat. 7027380 - Filed May 2, 2002 - Hewlett-Packard Development Company, L.P.

3 4 Each **atomic resolution storage** device used in the present In one ... published defined as a **non-volatile memory storage** device or compo- 5 ductor ...

Memory module hybridizing an **atomic resolution storage** (ARS) **memory** and a **magnetic memory**

US Pat. 6862206 - Filed Dec 19, 2003 - Hewlett-Packard Development Company, L.P.

4 is a block diagram illustrating a computer or **Storage Cells**," which is incorporated ... 26, 2002, entitled "**Non-Volatile Memory**," which is a system that ...

Memory matrix and method of operating the same

US Pat. 6957313 - Filed Nov 30, 2001

Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory** or **atomic resolution storage** technology ...

Swallowable data recorder capsule medical device

US Pat. 6800060 - Filed Sep 16, 2003 - Hewlett-Packard Development Company, L.P.

The **atomic resolution storage** device **memory** used in the swallowable data ... **memory** as used herein is defined as a **non-volatile memory storage** device ...

Swallowable data recorder capsule medical device

US Pat. 6632175 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

The **atomic resolution storage** device **memory** used in the swallowable data ... **memory** as used herein is defined as a **non-volatile memory storage** device ...

PROCESSING DEVICE

US Pat. 7103379 - Filed Feb 3, 2003 - Hewlett

The wearable badge of claim 11, wherein the **non-volatile memory** comprises at least ... magnetic random access **memory** (MRAM), and **atomic resolution storage** (...

Real time local and remote management of data files and directories and method of operating the same

US Pat. 6745310 - Filed Nov 30, 2001

55 Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory** or **atomic resolution storage** ...

Switched multi-channel network interfaces and real-time streaming backup

US Pat. 6754785 - Filed Nov 30, 2001

Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory or atomic resolution storage** technology ...

Internal drug dispenser capsule medical device

US Pat. 6929636 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

It is to be understood that other embodiments of the **atomic resolution storage** device ... a biologic condition and internally dispenses **non-volatile memory storage** ...

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Patent Search Patents 11 - 20 of 33 on non-volatile memory with atomic resolution storage. (0.02 sec)

Two-dimensional structural transition controlled by an electric field, memory storage device thereof, and method of making a memory storage device

US Pat. 6947311 - Filed Jun 9, 2004 - University of Basel

Depending on the roughness of the **atomic** surface potential, ... Al. "Non-volatile memory device" describes a liquid crystal that is heated by a pair of ...

Solid-state mass memory storage device

US Pat. 6404647 - Filed Aug 24, 2000 - Hewlett-Packard Co.

1 illustrates a mass **memory storage** 20 device constructed in accordance with the ... of the present invention which uses **atomic resolution storage** (ARS). ...

Adjustable current mode differential amplifier for multiple bias point sensing of MRAM having diode isolation

US Pat. 6754123 - Filed Oct 1, 2002 - Hewlett-Packard Development Company, LP.

In contrast, a **non-volatile memory** array, such as a cross- point array, ... to tens of nanometers, sometimes referred to as **atomic resolution storage**. ...

Adjustable current mode differential amplifier for multiple bias point sensing of MRAM having equi-potential isolation

US Pat. 6674679 - Filed Oct 1, 2002 - Hewlett-Packard Development Company, L.P.

In contrast, a **non-volatile memory** array, such as a cross- point array, ... to tens of nanometers, sometimes referred to as **atomic resolution storage**. ...

Adjustable current mode differential amplifier

US Pat. 6590804 - Filed Jul 16, 2002 - Hewlett-Packard Development Company, L.P.

In contrast, a **non-volatile memory** array, such as a cross- point array, ... to tens of nanometers, sometimes referred to as **atomic resolution storage**. ...

Spare data site allocation

US Pat. 7055013 - Filed Oct 20, 2003 - Hewlett-Packard Development Company, L.P.

MRAM (magnetic random access **memory**), flash **memory**, **atomic resolution** ... MRAM is a **non-volatile memory** usable for short-term 20 and long-term data **storage**. ...

Personality module for configuring a vehicle

US Pat. 6615123 - Filed Dec 1, 2000 - Hewlett-Packard Development Company, L.P.

Certain types of memories, such as an **atomic resolution storage memory**, can store a large ... CD-ROM drive or other types of **non-volatile data storage**. ...

Semiconductor storage device

US Pat. 7002820 - Filed Jun 17, 2004 - Hewlett-Packard Development Company, L.P.

One such device, an **atomic resolution storage** device, includes mul-tiple electron ... There is a need for a **non-volatile semiconductor storage** device, ...

Conflict resolution for collaborative work system

US Pat. 6938070 - Filed Dec 17, 2001 - Dassault Systemes

Storage devices suitable for tangibly embodying computer program instructions and data include all forms of **non-volatile memory**, including by way of ...

Processing complex regions of illustration artwork

US Pat. 6894704 - Filed Nov 22, 1999 - Adobe Systems Incorporated

The use of a **low-resolution** off-screen raster to make quick estimations of ... (including volatile and **non-volatile memory** and/or **storage** elements), ...

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atomic resolution storage with emitter microm

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Patent Search Patents 1 - 10 of 28 on **atomic resolution storage with emitter micromover**. (0.09 seconds)

Atomic resolution storage device

US Pat. 7027380 - Filed May 2, 2002 - Hewlett-Packard Development Company, L.P.

Each **atomic resolution storage** device includes a plu- , In one embodiment shown in FIG. 1, each electron **emitter** small **storage** area and requiring very low ...

Atomic resolution storage device configured as a redundant array of independent **storage** devices

US Pat. 6671778 - Filed Aug 3, 2001 - Hewlett-Packard Development Company, L.P.

To address a **storage** area, one activates the **emitter** responsible for that **storage** area and moves that **emitter** by **micromover** 110 (shown in FIG. ...

System modules with **atomic resolution storage** memory

US Pat. 6728127 - Filed Dec 23, 2002 - Hewlett-Packard Development Company, L.P.

To address a **storage** area 406, the **emitter** 402 responsible for that **storage** area is 40 activated and is displaced with the **micromover** 408 (FIG. ...

System modules with **atomic resolution storage** memory

US Pat. 6522566 - Filed Dec 1, 2000 - Hewlett-Packard Company

To address a **storage** area 406, the **emitter** 402 responsible for that **storage** area is activated and is displaced with the **micromover** 408 (FIG. ...

Storage device having a resistance measurement system

US Pat. 7085151 - Filed Jan 13, 2004 - Hewlett-Packard Development Company, L.P.

In another embodiment, the **micromover** is coupled to an electron **emitter** and to the corresponding medium is held stationary. Each **atomic resolution storage** ...

Portable scanning apparatus having high **storage** capacity

US Pat. 6775034 - Filed Oct 11, 2000 - Hewlett-Packard Development Company, L.P.

3 through 6 disclose one embodiment of an **atomic resolution storage** device ...

20 **Micromover** scans **storage** medium 106 with respect to the field emitters or ...

SUPPLEMENTARY ENERGY SOURCES FOR ATOMIC

US Pat. 7102983 - Filed Oct 30, 2001 - Hewlett

15, 2001 and to US Patent Application to Gary Gibson entitled "SUPPLEMENTARY ENERGY SOURCES FOR ATOMIC RESOLUTION STORAGE MEMORY DEVICES", ...

Memory module hybridizing an **atomic resolution storage** (ARS) memory and a magnetic **memory**

US Pat. 6862206 - Filed Dec 19, 2003 - Hewlett-Packard Development Company, L.P.

In one embodiment, **micromover** 210 of mover wafer 208 includes various ...

Writing of data from an **emitter** 204 to a **storage** area is accomplished by ARS ...

Swallowable data recorder capsule medical device

US Pat. 6632175 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.
In one preferred embodiment, memory 56 is an **atomic resolution storage** device
... a number of **storage** areas, such as **storage** area 108, and **micromover**. ...

[Swallowable data recorder capsule medical device](#)

US Pat. 6800060 - Filed Sep 16, 2003 - Hewlett-Packard Development Company, L.P.
In one preferred embodiment, memory 56 is an **atomic resolution storage** ...
micromover scans **storage** medium 106 to different locations, each **emitter** is ...

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atomic resolution storage with emitter micromover

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Patent Search Patents 11 - 20 of 28 on atomic resolution storage with emitter micromover. (0.03 seconds)

Internal drug dispenser capsule medical device

US Pat. 6929636 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

For a further discussion of an **atomic resolution storage** 35 device, see US Pat.

No. ... storage area and moves that **emitter** by **micromover** 110 (shown in FIG. ...

Connection arrangements for electrical devices having a ledge on which contact terminals are provided

US Pat. 6916182 - Filed Mar 3, 2004 - Hewlett-Packard Development Company, L.P.

comprises an **atomic resolution storage** (ARS) device. FIGS. ... As the **micromover** 110 scans the medium 106 to different locations, each **emitter** 102 is ...

Upgradable storage system

US Pat. 6310794 - Filed Nov 9, 2000 - Hewlett-Packard Co.

Preferably however, each memory device 14 comprises an **atomic resolution** ...

6A, each field **emitter** 102 is associated with a corresponding **storage** area 108. ...

System and method for controlling movement

US Pat. 6911792 - Filed May 20, 2003 - Hewlett-Packard Development Company, L.P.

... primarily in the context of an **atomic resolution storage** (ARS) device. ...

Each field **emitter** 102, 104 may correspond to one or more **storage** areas 108 ...

Apparatus and method for detecting and storing information relating to an animal

US Pat. 6402692 - Filed Sep 19, 2000 - Hewlett-Packard Co.

c o . c v • * r i further discussion of an **atomic resolution storage** ... are known in the storage areas>such as storage area 108' and **micromover** 110. art. ...

Packaging for storage devices using electron emissions

US Pat. 6590850 - Filed Mar 7, 2001 - Hewlett-Packard Development Company, L.P.

These developments have created an enormous demand for new **storage** technologies

... to tens of nanometers, referred to as **atomic resolution storage** (ARS). ...

Ultra-high density storage device with resonant scanning micromover

US Pat. 6735163 - Filed Mar 2, 2001 - Hewlett-Packard Development Company, L.P.

A **micromover** causes a periodic change in the relative positions between the field **emitter** and the **storage** medium, thereby generating a periodic field ...

Semiconductor storage device

US Pat. 7002820 - Filed Jun 17, 2004 - Hewlett-Packard Development Company, L.P.

One such device, an **atomic resolution storage** device, includes multiple ...

52 encloses tip electrodes 40 and 42, **storage** media 44, and **micromover** 50. ...

Pressure sensor with two membranes forming a capacitor

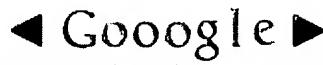
US Pat. 6662663 - Filed Apr 10, 2002 - Hewlett-Packard Development Company, L.P.

... over the integrated with an **Atomic Resolution Storage (ARS)** device. ...
the top or **emitter** substrate (142) is the drawing. now bonded to the structure. ...

Pressure sensor and method of making the same having membranes forming a capacitor

US Pat. 7004034 - Filed Sep 18, 2003 - Hewlett-Packard Development Company, L.P.

1 is integrated with an **Atomic Resolution Storage (ARS)** device. ... The ARS device includes an **emitter** cavity (145) that exposes the rotor wafer (143) to ...



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Patent Search Patents 21 - 28 of 28 on atomic resolution storage with emitter micromover. (0.15 seconds)

Data storage module suspension system having primary and secondary flexures

US Pat. 6996051 - Filed Apr 29, 2002 - Hewlett-Packard Development Company, L.P.

Some examples are Scanned Probe Microscopy (SPM), **Atomic Force Microscopy**, ...

... Thus, each **emitter** can access information from a number of **storage areas** ...

Ultra-high density storage device

US Pat. 5557596 - Filed Jul 12, 1995

Just like the field emitters, the **micromover** is made by semiconductor ... Thus, each **emitter** can access information from a number of **storage areas** on the ...

Accelerometer using field emitter technology

US Pat. 6791931 - Filed Mar 16, 2001 - Hewlett-Packard Development Company, L.P.

2 is a diagram illustrating a field **emitter** reading from **storage areas** in one embodiment ... incorporating a **micromover** according to the present invention. ...

High density data storage module

US Pat. 6822933 - Filed Mar 28, 2002 - Hewlett-Packard Development Company, L.P.

The **storage** medium has many **storage areas**, and the field emitters are spaced apart to have one **emitter** responsible for a number of **storage areas** on the ...

High density data storage module

US Pat. 6925047 - Filed Mar 28, 2002 - Hewlett-Packard Development Company, L.P.

Some examples are Scanned Probe Microscopy (SPM), **Atomic Force Microscopy**, ...

Thus, each **emitter** can access information from a number of **storage areas** on ...

Electronic device sealed under vacuum containing a getter and method of operation

US Pat. 7042075 - Filed Dec 19, 2002 - Hewlett-Packard Development Company, L.P.

Preferably, vacuum device 130 is an electron **emitter** device commonly referred to

... **atomic resolution storage** systems and micro-electro-mechanical systems ...

Electronic device sealed under vacuum containing a getter and method of operation

US Pat. 6534850 - Filed Apr 16, 2001 - Hewlett-Packard Company

Preferably, vacuum device 130 is an electron **emitter** device commonly referred to

... **atomic resolution storage** systems and micro-electro-mechanical systems ...

Ultra-high density storage device with electron beam steering

US Pat. 6930971 - Filed Jun 26, 2001 - Hewlett-Packard Development Company, L.P.

A **storage** medium is located in close proximity to the field **emitter** with the ...

a **micromover** can be used to move the **storage** medium and a read/write ...

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